extracting articles interested by the clients automatically with no specific consciousness of the clients.

Another object of the present invention is , in a method of designating an article interested by the client, to provide system and method of instantaneously serving or distributing articles interested by clients, by designating the entire article in which information interested by the client is described without being designated by means of keyword.

These and other objects can be achieved according to the present invention by providing, in one aspect, an interested article serving system in which a client device and a server device serving an information in accordance with a request from the client device are connected through a network system, the server device comprising:

a WWW server section operating in response to the requirement from the client device;

a data base server section storing personal information and access history of a client using the client device;

an interested article extraction server section analyzing the access history of the client stored in the data base server section and then producing a search condition equation; and

a superparallel computing means searching article data sequentially fed from an external article producing computer in accordance with the search condition equation produced in the interested article extraction server

4

section,

wherein a plurality of different search condition equations are set individually on a plurality of different processors of the superparallel computing means, the article data is subjected to full text search and a result coincident with the search condition equations is transmitted to the client device.

According to the system of this aspect, it is not necessary to set a category or keyword by a client, and it becomes possible to extract automatically an interest of the client and instantaneously serve or provide the interested article to the client with no specific consciousness of the client.

In preferred examples of this aspect, the article data is received from an external article production computer other than the server device.

The access history is accumulated for each of clients and when the client accesses a plurality of articles, in a plurality of times, resembling in contents as the access history, a natural language included in plurality of articles having resembling contents is used as a search keyword of the search condition equation.

Otherwise, the access history is accumulated for each of clients and when the client accesses a plurality of articles, in a plurality of times, different in contents as the access history, constant number of articles or number of articles which are accessed in a constant term is determined as reference number of articles, and same natural languages appearing in a plurality of articles having different contents in the reference number of articles are used as

5

a search keyword of the search condition equation. The search condition equation adopts a characteristic natural language as the search keyword which is weighed by number of appearance of the natural language in the specified article data designated by the client and a ratio of appearance of the natural language in a plurality of articles included in the access history of the client.

The access history is accumulated for each of clients, and when the client designates a specific article data as the access history, a natural language included in the specific article data is used as a search keyword of the search condition equation.

The client device is a portable terminal device such as portable telephone.

According to these preferred examples, since an article serving system managed by an existing article serving organization can be utilized as an information source of an article data, time and cost involved for newly constructing an article data base can be eliminated. Furthermore, in a case where an existing article serving organization utilizes the present invention, a new additional value will be provided to a client.

In the case where the natural language included in plurality of articles having resembling contents is used as a search keyword of the search condition equation, only the articles interested by the client can be automatically distributed to the client without designating the search conditions. Furthermore, in the case where the same natural languages appearing in a

6